What I claim as my invention is:

1. A method for initializing a customer premises telecommunications hub having a link to a central office comprising:

obtaining a configuration file name and a domain name of a TFTP file server from a DHCP server in a central office,

obtaining a configuration file, including a first binary file name, from the TFTP file server, and

creating a second binary file name by combining a model ID identifying the model of the hub with at least part of the first binary file name.

2. A method according to Claim 1, wherein:

said first binary file name includes a prefix identifying a model number, and said step of creating a second binary file name comprises replacing the prefix of said first binary file name with a prefix comprising the model number of said hub.

A method according to Claim 1, further comprising:
obtaining a binary file having the second binary file name from the TFTP

A method according to claim 3, further comprising:
comparing the name of said binary file to said second binary file name.

file server.

5. A method according to claim 4, further comprising:

loading said binary file into a first flash memory partition in said hub and designating said first partition as the active partition.

A method according to Claim 5 further comprising:
rebooting said hub with said binary file in said first flash memory partition.

7. A method according to Claim 6 wherein:

said binary file is stored in compressed form in said first flash memory partition, and on rebooting, said file is expanded and loaded into RAM for operating said hub.

8. A method according to Claim 1, further comprising:

checking said first binary file name for the presence of a suffix identifying it as a binary file name, and, if such suffix is not present, adding a suffix identifying said first binary file name as a binary file name.

9. A method according to Claim 1, further comprising:

obtaining an IP address of a domain name server from said DHCP server in said central office, and

obtaining an IP address of said TFTP server from said domain name server.

10. A method for providing binary code to a customer premises telecommunications hub having a link to a central office comprising:

upon rebooting of the hub, sending a DHCP request to a central office DHCP server;

sending a configuration file name and a domain name of a TFTP server from the central office DHCP server to the hub;

sending a request for the configuration file from the hub to the TFTP server,

sending the configuration file, including a first binary file name, from the TFTP server to the hub, and

creating a second binary file name by combining a model ID identifying the model of the hub with at least part of the first binary file name.

11. The method of Claim 10 wherein:

said first binary file name includes a prefix identifying a model number, and said step of creating a second binary file name comprises replacing the prefix of said first binary file name with a prefix comprising the model number of said hub.

12. The method of Claim 10, further comprising:

sending a request for the binary file having said second binary file name from the hub to a configuration file server, and

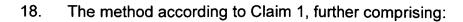
16.

operating said hub.

sending the binary file having said second binary file name from the configuration file server to the hub.

- 13. The method of Claim 12 further comprising: comparing the name of said binary file to said second binary file name.
- 14. The method according to claim 13, further comprising: loading said binary file into a first flash memory partition in said hub and designating said first partition as the active partition.
- 15. The method according to claim 14, further comprising: rebooting said hub with said binary file in said first flash memory partition.
- The method according to Claim 15 wherein: said binary file is stored in compressed form in said first flash memory partition, and on rebooting, said file is expanded and loaded into RAM for
- 17. The method according to Claim 16, further comprising:

checking said first binary file name for the presence of a suffix identifying it as a binary file name, and, if such suffix is not present, adding a suffix identifying said first binary file name as a binary file name.



obtaining an IP address of a domain name server from said DHCP server in said central office, and

obtaining an IP address of said TFTP server from said domain name server.